ATTY. DKT. NO: ONS00541 P
NEW INTERNATIONAL PATENT APPLICATION UNDER
PATENT COOPERATION TREATY
IN RE APPLN. OF Francois Lhermite et al.

FOR: POWER SUPPLY CONTROLLER METHOD AND STRUCTURE Enclosed: 18 Pages of SPEC, CLAIMS and ABSTRACT. 3 Sheets of FORMAL DRAWINGS.

3 Sneets of Poundan Daminus.

8 Pages of Request; and fee calculation she authorizing Filing Fee \$3079.00 charge to Deposit Account 501086.
PCT EASY(SAFE) DISKETTE; & Power of Attorney

RH:LMC

Mail Date: 2/26/2004

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DT07 Rec'd PCT/PTO 2 6 FEB 2004







INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

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Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220 as well as, where applicable, item 5 below.					
Ons00541	ACTION	****					
International application No.	International filing date (day/mon	nth/year) (Earliest) Priority Date (day/month/year)					
PCT/US2004/006281	26/02/2004	4					
Applicant		2					
SEMICONDUCTOR COMPONENTS I	NDUSTRIES L.L.C.						
according to Article 18. A copy is being tra This International Search Report consists	of a total of4s	heets.					
It is also accompanied by	a copy of each prior art document	cited in this report,					
 Basis of the report With regard to the language, the international search was carried out on the basis of the international application in the							
The International s this Authority (Rule	search was carried out on the basis e 23.1(b)).	is of a translation of the international application furnished to					
b. With regard to any nucleo	b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No.1.						
2. Certain claims were four	Certain claims were found unsearchable (See Box II).						
3. Unity of invention is lack	ding (see Box III).						
With regard to the title,							
with regard to the true, X the text is approved as submitted by the applicant.							
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With regard to the abstract,							
X the text is approved as sub	mitted by the applicant.						
the text has been establish may, within one month from	ed, according to Rule 38.2(b), by to the date of mailing of this internal	this Authority as it appears in Box No. IV. The applicant ational search report, submit comments to this Authority.					
With regards to the drawings,	. With regards to the drawings ,						
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ETWO COMMITTEE OF THE PERSON NAMED IN COMMITTEE OF THE PERSON NAME	Authority, because this figure bette published with the abstract.	er characterizes the invention.					



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TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office

June 22, 2005

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY OF THE BELOW IDENTIFIED INTERNATIONAL APPLICATION AS ORIGINALLY FILED AND ANY CORRECTIONS THERETO FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS A RECEIVING OFFICE UNDER THE PATENT COOPERATION TREATY.

APPLICATION NUMBER: PCT/US04/06281 FILING DATE: February 26, 2004

By Authority of the

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office

T. LAWRENCE

Certifying Officer

HOME COFY

1/8

PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	PCT/US 04/06281
0-1 ø	international Application No.	
0-2	International Filing Date	26 FEB 2004 (26. tz.ar) PCT INTERNATIONAL
0-3	Name of receiving Office and "PCT International Application"	APPLICATION RO/US
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.153)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	Ons00541
1 Title of Invention		POWER SUPPLY CONTROLLER METHOD AND STRUCTURE
11	Applicant	
11-1	This person is:	applicant only
11-2	Applicant for	all designated States except US
11-4	Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES,
II-5	Address:	L.L.C. 5005 E. McDowell Road - A700 Phoenix, Arizona 85008 United States of America
11-6	State of nationality	US
11-7	State of residence	us
11-8	Telephone No.	602-2443615
11-9	Facsimile No.	602-224-3169 Jerry.Chruma@onsemi.com

POWER SUPPLY CONTROLLER METHOD AND STRUCTURE

Abstract of the Disclosure

A power supply controller determines the value of an input power and uses the value of the input power to regulate a value of the output voltage.

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United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCI

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	APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
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CONFIRMATION NO. 1655

27255 SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC ATTN: ROBERT D. ATKINS/LAW DEPT./MD 1700 P.O. BOX 62890 PHOENIX, AZ 85082-2890

FILING RECEIPT "OC000000020519184"

Date Mailed: 09/21/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

François Lhermite, Lasserre, FRANCE; Joel Turchi, Toulouse, FRANCE;

RECEIVED

Power of Attorney: None

SEP 2 7 2006

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US04/06281 02/26/2004

ON SEMICONDUCTOR PATENT ADMINISTRATION

Foreign Applications

If Required, Foreign Filing License Granted: 09/20/2006

The country code and number of your priority application, to be used for filing abroad under the Paris ncp 315 Convention, is US10/549,543

Projected Publication Date: 12/28/2006

Non-Publication Request: No

Early Publication Request: No

Title



Preliminary Class

315

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT) An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-785-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may with to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative this website includes self-help "toolikits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-868-999-HAUT (1-886-999-4158).

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INITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address Ocal Section For Patents PO. Box 1459 Associates Vegena 22515-1459

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CONFIRMATION NO. 1655
371 ACCEPTANCE LETTER
**OC00000020519185*

02/26/2004

Date Mailed: 09/21/2006

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U S C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

09/19/2005 DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and DA

(c)(4) REQUIREMENTS

08/26/2006

DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- · Copy of the International Application filed on 09/19/2005
- . Copy of the International Search Report filed on 09/19/2005
- Information Disclosure Statements filed on 09/19/2005
- Oath or Declaration filed on 09/19/2005
- . U.S. Basic National Fees filed on 09/19/2005
- Assignment filed on 09/19/2005





to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

KAREN M WILLIAMS Telephone: (703) 308-9140 EXT 213

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)